

ABSTRACT

A double-chamber type heat-treating furnace comprises a hermetically closable cooling furnace, a  
5 hermetically closable heating furnace, and a transfer unit. The transfer unit has free rollers disposed within the heating and cooling chambers and for supporting the object at only both ends in a direction of width thereof, a push-pull member moving while being engaged with the object to  
10 push or pull the object, and a drive unit provided at a position adjacent to the heating chamber on a side opposite to a side on which the cooling chamber is disposed and driving the push-pull device.